

**Amendment to the Title**

Please amend the title to read "Network Loop Monitor"

**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1. (original) A network comprising a loop having therein a plurality of loop network monitors, each loop network monitor having an RS-485 port connected to a host which transmits and receives data, and two further RS-485 ports by way of which the monitors are connected into the loop.
2. (original) A network as claimed in claim 1, and including router logic under the control of a microprocessor for controlling the transmission of data through the monitor.
3. (currently amended) A network as claimed in claim 1 ~~or 2~~, wherein the first mentioned RS485 port comprises termination jumpers which can be set in dependance on the ' nature of the host, an RS-485 transceiver and means for isolating the host from the router logic.
4. (currently amended) A network as claimed in claim 1, ~~2 or 3~~, wherein each of said further ports comprises a termination, an RS-485 transceiver, and means for isolating the router logic from the loop.
5. (currently amended) A network as claimed in claim 3 ~~or 4~~, wherein each of said means forisolating comprises an opto coupler.

6. (original) A network loop monitor comprising an RS-485 port for connection to a host which transmits and receives data, and two further RS-485 ports for connecting the monitor into the loop.
7. (original) A network loop monitor as claimed in claim 6, wherein the first mentioned RS-485 port comprises termination jumpers which can be set in dependance on the nature of the host, an RS-485 transceiver and means for isolating the host from the router logic.
8. (currently amended) A network loop monitor as claimed in claim 6 ~~or~~ 7, wherein each of said further ports comprises a termination, an RS-485 transceiver, and means for isolating the router logic from the loop.
9. (currently amended) A network loop monitor as claimed in claim 6, ~~7 or~~ 8, wherein each of said means for isolating comprises an opto coupler.